

Work Order ID 61888

September 9, 2010 9:20:17 AM

Page 1

Item ID: D119-696-013

Accept

Setup Start

Revision ID:

Stop

Item Name: Dual Cargo Mirror Installation

Start Date: 9/09/10 Start Qty: 10.00

Cust Item ID:

Required Date: 9/09/10 Req'd Qty: 10.00

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A D119-696

Rev 0

100

0.00



DC

DOCUMENT CONTROL

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D119-696-013

CHG004

8/10/17 (H)

Pro →
Gr BG 10-9-9
(10)

110

0.00



Packaging

Pick Kit

Packaging

Memo

0.00

Packaging

DISSEM BLU (H)

8/14/16

8/14/14 (H)

120

0.00



QC

QC4- 100% Inspect kits for completeness

Memo

0.00

Quality Control

8/10/17 (H)

Dart Aerospace Ltd

W/O: 61888		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/9/15	100	Perm. change update headerbox to correct Dwg # and and "Rev 0"	FZ	10.12.20			S blocks

Part No: D119-696-013 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D119-696-013

Accept

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Item Name: Dual Cargo Mirror Installation

Start Date: 9/09/10 Start Qty: 10.00

Cust Item ID:

Required Date: 9/09/10 Req'd Qty: 10.00

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D119-696-013

Location:

PPP Rev: C

140

0.00

QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

*Rec'd 10/12/10**10/12/20**W 10.12.17*

Picklist Print

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Page 1

Work Order ID: 61888

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 9/09/10

Required Date: 9/09/10

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev: A1108-02-19 New issue 11DD verified by: LL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
ALS4-1032-130		Purchased	No				Each	2,506.000	2	20			



Insert

Location Loc Qty Loc Code

PKG11 2330
114723 2330
ST282 137
110511 10
114407 127
ST381 39
114654 39

AN526-1032R9

Purchased

No



Screw

Location Loc Qty Loc Code

ST328 186
111758 15
113928 1
114382 70
115422 100

AN9601D10

NAS1149D0363J

Purchased

No



Washer

Location Loc Qty Loc Code

ST 6
107715 6
ST335 10
105792 10

9

M114723 3X

M119407 2X

M111758 4X

M114382 20X

M115107 33X

M115622 7X

11/15/14

Picklist Print

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Work Order ID: 61888

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 9/09/10

Required Date: 9/09/10

Start Qty: 10.00

Required Qty: 10.00

D119-696-043 Manufactured No

Each 0.0000

1

Dual Cargo Mirror Assy

D2053 Manufactured No

Each 30.0000

1

Mounting Bracket

Location

Loc Qty

Loc Code

ST005

30

58395

30

Each

4.0000

1

D2067

Manufactured No

Connector

Location

Loc Qty

Loc Code

ST006

4

54698

4

Each

3.0000

1

D2071

Manufactured No

Cable Assembly

Location

Loc Qty

Loc Code

ST222

3

57578

1

58201

2

Each

8.0000

1

D3083-1

Manufactured No

Placard

Location

Loc Qty

Loc Code

ST036

8

59759

8

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Shop Packet Print

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Picklist Print

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Work Order ID: 61888

Parent Item: D119-696-013

Parent Item Name: Dual Cargo Mirror Installation

Start Date: 9/09/10

Required Date: 9/09/10

Start Qty: 10.00

Required Qty: 10.00

MS21919-DG5

Purchased

No

Each

26.0000

2

20



S
H2 lamp

Location

Loc Qty

Loc Code

ST307

26

114988

26

Each

425.0000

4

MS27039-1-09

Purchased

No



S
H2

Screw

Location

Loc Qty

Loc Code

ST291

425

111650

396

18057

29

Each

85.0000

1

MS35489-9

Purchased

No



S
H2

Grommet

Location

Loc Qty

Loc Code

ST296

85

107376

5

109371

80

IX

107376
109371

6/10/14 (70)

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25.2 CARGO MIRROR REMOVAL

1. Loosen MS21042-3 nut and remove D2071 control cable from D2067 connector.
2. Remove (4) MS27039-1-09 screws and remove D3072-1/-2 brackets. Re-install MS27039-1-08 screws.
3. Remove (2) AN526-1032R9 screws and (2) MS21919DG5 clamps.
4. Remove (2) AN526-1032R9 screws, the D2053 bracket and the D2071 cable assembly. Re-install AN526-1032R9 screws to plug inserts.
5. Seal MS35489-9 grommet hole with PRC / RTV / Proseal 890 / Sikaflex-241 / Sikaflex-291 / MIL-C-8802 Class B2 sealant.

25.3 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D119-696-011	2.2 lb	7.0 in	15.4 in-lb	22.0 in	48.4 in-lb
Cargo Mirror Installation	1.00 kg	0.28 m	0.28 m-k-g	0.87 m	0.87 m-k-g
D119-696-013	3.0 lb	1.0 in	3.0 in-lb	22.0 in	66.0 in-lb
Cargo Mirror Installation	1.36 kg	0.04 m	0.05 m-k-g	0.87 m	1.18 m-k-g

25.4 PARTS LIST

Qty -011	Qty -013	Qty -041	Qty -043	Part Number	Description
X				D119-696-011	SINGLE CARGO MIRROR INSTALLATION
	X			D119-696-013	DUAL CARGO MIRROR INSTALLATION
1		X		D119-696-041	SINGLE CARGO MIRROR ASSEMBLY
	1		X	D119-696-043	DUAL CARGO MIRROR ASSEMBLY
		1	2	D2011-101	MIRROR ASSEMBLY
1	1			D2053	BRACKET
		2	2	D2054	BUSHING
		2	2	D2055	CLAMP
		1	1	D2056	BELL CRANK
		1		D2057	PLUG
1	1			D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	2	*D3014-1	LOCKNUT
		1	1	D3072-1	BRACKET
		1	1	D3072-2	BRACKET
		1		D3074-1	ARM
			1	D3074-3	ARM
1	1			D3083-1	PLACARD
4	4			AN526-1032R9	SCREW
4	4	6	6	AN960JD10	WASHER
		1	2	*AN960JD416L	WASHER
		3	3	MS21042L3	NUT (or MS21042-3)
2	2			MS21919DG5	CLAMP
4	4			MS27039-1-09	SCREW
		3	3	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
2	2			AKS7-1032-130	INSERT (or ALS7-1032-130 or AKS4-1032-130 or ALS7-1032-130 or AELS-032-130)

*INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

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25-00-00

REFEREN:

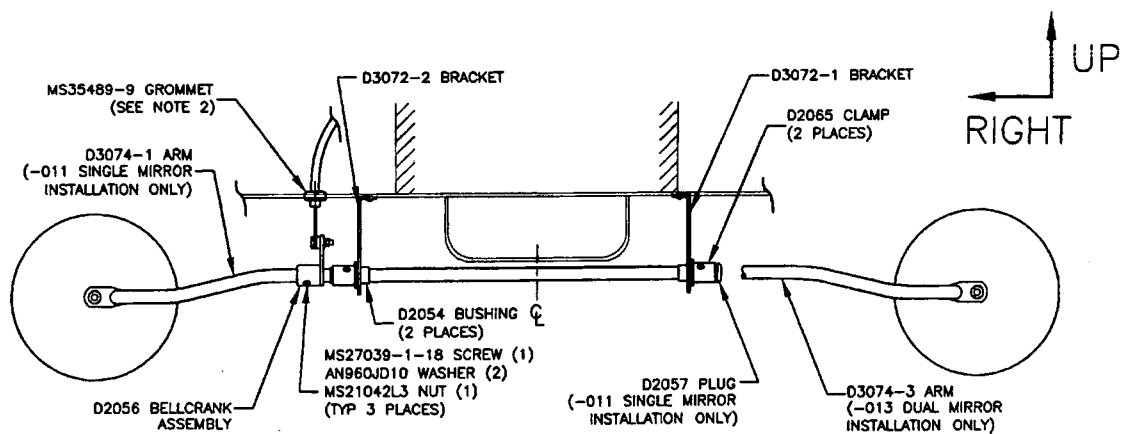


Figure 25-2 – View A: Looking Aft
(D119-696-011/-013 Mirror Shown)

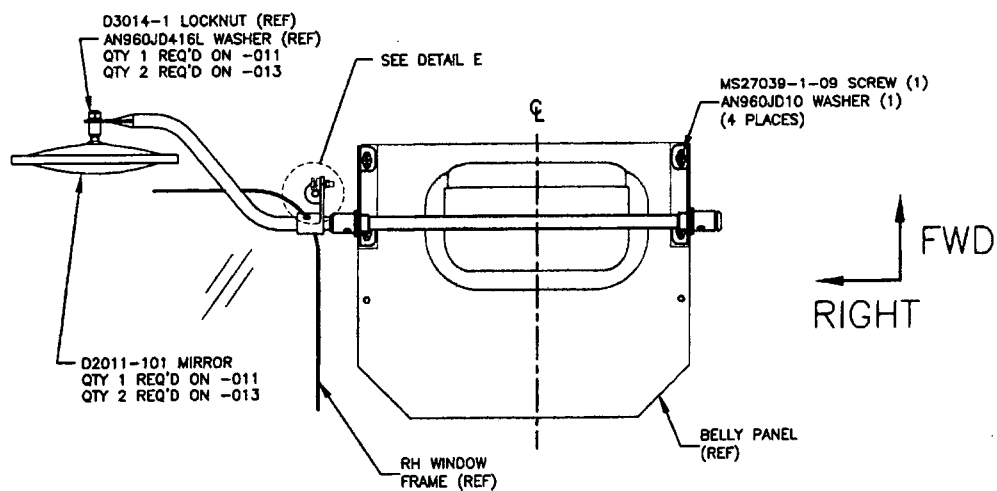


Figure 25-3 – View B: Looking Up
(D119-696-011 Mirror Shown, -013 similar)

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